1. Congratulations

Thank you for purchasing the Cheetah Radar Detector Interface for your Beltronics STi Driver.

Cheetah invented the concept of using GPS speed to suppress false alarms on other manufacturers' radar detectors. This product will wirelessly link your STi Driver with your Cheetah GPS camera detector, making them work as one complete, integrated system to enhance the STi Driver with voice alerts and false alarm suppression. Make sure you read the section on "Setting up your Cheetah" to get the most out of your set up.

Enjoy your new "quieter" detector. I know you're going to love the way they work together.

Drive safely,

Al Smith, Director, Cheetah Advanced Technologies Ltd

2. Pack Contents

1 x RADARnode wireless transmitter
1 x RDI software card for the STi (inserted in RADARnode)
1 x Cheetah connector cable for the STi Driver
1 x User manual

3. The RADARnode Transmitter

The RADARnode is a wireless transmitter (433 Mhz) that connects up to your radar detector's power supply socket. When your radar detector gives an alert, the RADARnode digitally analyzes the alert data and instantly transmits a radio code to your Cheetah GPS detector, which immediately gives you the STi Driver alert using Cheetah voice and tones.

Cheetah G100 GPSmirror

THIS INTERFACE IS COMPATIBLE WITH

INTERFACE

for the Beltronics STi Driver

Cheetah

Warranty & Support

Warranty Registration
Register online at ***www.SpeedCheetah.com***

Limited Warranty
Cheetah Advanced Technologies Ltd. warrant our products against all defects in materials and workmanship for a period of **one year** from the date of the original purchase. Full warranty terms and conditions available online at:
www.SpeedCheetah.com

Service & Support
If for any reason your Cheetah product develops a fault, please check our Customer Service page on:

USA & Canada - visit www.GPSdetector.com

Europe & Rest of World - visit www.SpeedCheetah.com

If any problems persist, or to arrange a product return, please email ***support@SpeedCheetah.com***

Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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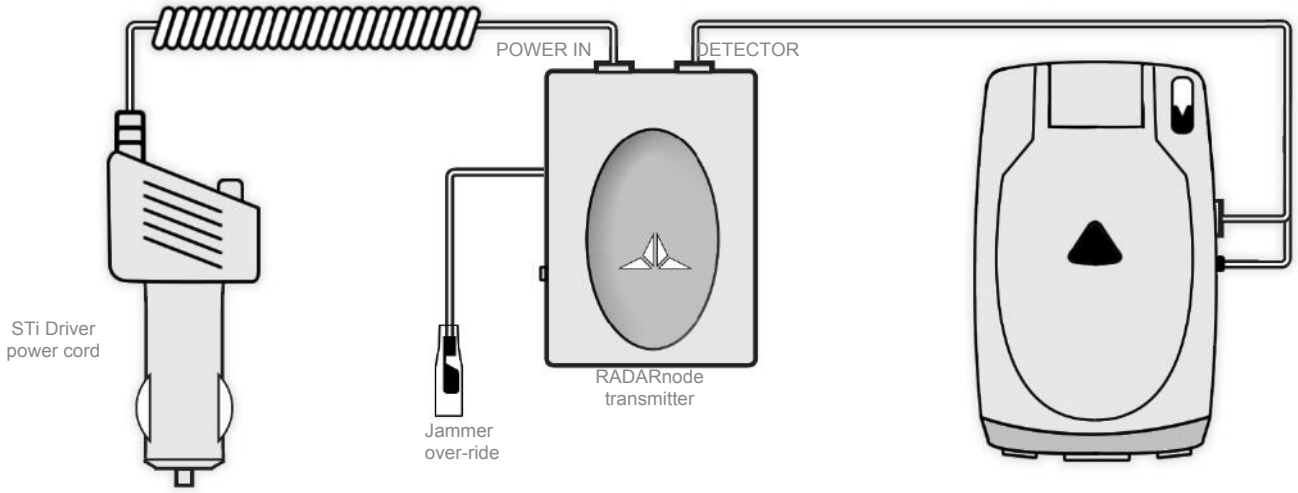
Cheetah

Radar Detector INTERFACE



4. Installing the RADARnode

Before you begin installation, double check that the RDI software card and connector cable are correct for your radar detector. The RDI software card is pre-installed in the side of the RADARnode transmitter. **Always ensure that the power is OFF before removing or inserting your RDI software card.**

Instal the RADARnode according to the diagram above.

4.1 Remove the Beltronics power cord from your STi Driver.

4.2 Plug the Cheetah RDI connector cable into **both** the earphone socket and the power socket of your STi Driver.

4.3 Safely route the RDI connector cable from your STi Driver to the RADARnode transmitter and plug it into the RADARnode's socket marked [DETECTOR].

4.4 Plug your Beltronics power cord into the [POWER IN] socket on the RADARnode.

5. Setting up your STi Driver

You must change some menu items to enable the RADARnode to correctly hear the alerts.

1. Fast Power On Sequence = **PwrOn FST**
2. Voice Alerts Off = **VOICE OFF**
3. Volume level is set at **6.5 bars** (out of 7)

Setting the volume level can be critical. It may require some minor adjustments in the level to allow the RADARnode to function correctly with your individual STi Driver.

6. Setting up your Cheetah

Use Button 1 on your Cheetah to cycle through the main menu. Use button 2 (+) and button 3 (-) to adjust the settings of any menu item and press button 4 to save your changes.

False Alarm Suppression (Button 1)
1. Audible Alert Speed - set the speed limit threshold for radar alerts, e.g. 35mph. Drive slower and radar alerts are automatically muted, drive faster and you hear them again. There is an automatic override for serious alerts (KA band and laser).

Radar Band Selection (Button 1)
5. X Band 6. K Band 7. KA Band 8. KU Band
Use button 2 (+) and button 3 (-) to enable or disable alerts for these radar bands, then press button 4 to save.

Voice Only alerts or Voice plus Alert Tones (Button 4)
Pressing button 4, outside of the main menu, swaps the alerts between “Voice + Tone” alerts (city mute OFF) and “Voice Only” alerts (city mute ON).

7. Using the Cheetah & STi together

7.1 Starting up - Wireless link - A short time after you switch on your detectors, you will see a small red wireless symbol appear on the Cheetah GPS detector. This shows that the wireless datalink is active and STi Driver alerts will be provided instantly.

7.3 Radar detector alerts - When your Beltronics STi Driver picks up a signal, a voice alert from your Cheetah will announce the radar band being picked up.

Warning tones are given for the duration of an alert. There are different warning tones for each radar / laser band. These warning tones “ramp-up”, from 1 tone per second, up to 5 tones per second, as the signal strength increases:

POST RAMP UP FIX (BEL CHANGED THE AUDIO TONES IN NOV 2008)
STi display strength 1 is transmitted as signal strength 1
STi display strength 2 is transmitted as signal strength 2
STi display strength 3 is transmitted as signal strength 3
STi display strength 4 is transmitted as signal strength 4
STi display strength 5-7 is transmitted as signal strength 5

PRE RAMP UP FIX
STi display strength 1-4 is transmitted as signal strength 1
STi display strength 5-7 is transmitted as signal strength 5

The actual alert given by your Cheetah may vary occasionally from the STi display as the RADARnode responds to the STi’s AUDIO signal and NOT the display.

The Cheetah will alert for as long as the STi Driver does. **A confirmation "chirp" signals the end of an alert.**

7.6 Radar Mute - During a radar alert, press button 3 to mute the remainder of an alert.

7.7 City Mute during an alert - If you want to swap from VOICE+TONE alerts to VOICE ONLY alerts (or vice versa) during an alert, you still need to press button 4, but hold it down for a little longer than normal, until you hear the voice confirmation that the mode has changed.

8. Troubleshooting

8.1 Radar Alerts are not given correctly by the Cheetah GPS detector.
Make sure that the AudioTones menu setting is not set at LOUD. They must be set to standard - Tone STD. If problem persists, adjust the volume level of your radar detector slightly up or down from 95%.

8.2 Constant KU Band radar alert
RDI software card is not correctly installed. It must be fully inserted into the slot on the side of the RADARnode. Switch off power, then remove the card and re-insert flush.